IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier listings and all earlier versions.

1.   (Currently Amended) An image processing method for performing a color process based on a color appearance model, said method comprising the steps of:

inputting ~~location~~ distance information, which ~~relates to~~ represents a distance between positions of a viewing subject at a data source side and a viewing subject at a data destination side, based on an instruction of a user entered through a user interface;

setting a parameter of a viewing condition based on the inputted ~~location~~ distance information; and

performing the color process based on the color appearance model by using the set parameter.

2.   (Previously Presented) The method according to claim 1, wherein the parameter includes a chromatic adaptability condition.

3.   (Previously Presented) The method according to claim 1, further comprising the step of inputting plural items of viewing information which relate to a viewing condition of the data source side and a viewing condition of the data destination side.

- 2 -

4.   (Previously Presented) The method according to claim 1, wherein the color process comprises color matching processing based on profiles of the data source side and the data destination side.

5.   (Currently Amended) An image processing method having a user interface for manually inputting location distance information which relates to represents a distance between positions of a viewing subject at a data source side and a viewing subject at a data destination side, and a user interface for manually inputting viewing information which relates to a viewing condition, for performing color process on input image data based on a color appearance model, said method comprising the steps of:

        setting a parameter of viewing condition based on the inputted location distance information and viewing information; and

        performing the color process based on the color appearance model by using the set parameter.

6.   (Currently Amended) An image processing method for performing color process on an input image [[data]] based on a color appearance model, said method comprising the steps of:

        inputting a manual instruction of a user, which relates to conditions for respectively adjusting (1) balance, and (2) absolute intensity, of a chromatic adaptability;

        inputting a manual instruction of the user, which relates to viewing conditions of respectively an image input side and an image output side;

- 3 -

setting a parameter of the chromatic adaptability from the inputted balance and absolute intensity; [[and]]

performing a forward and inverse conversions conversion of the color appearance model to convert color data of the input image into color data independent of any viewing condition by using the viewing condition of the image input side and the set parameter; and

performing an inverse conversion of the color appearance model to convert the color data obtained in the forward conversion into color data dependent of the viewing condition of the image output side by using the viewing condition of the image output side and the set parameter,

7.   (Canceled).

8.'   (Currently Amended) An image processing apparatus for performing a color process based on a color appearance model, said apparatus comprising:

an inputting section, arranged to input location distance information which relates to represents a distance between positions of a viewing subject at a data source side and a viewing subject at a data destination side, based on an instruction of the user;

a setter, arranged to set a parameter of viewing condition based on the inputted location distance information; and

a processor, arranged to perform the color process based on the color appearance model by using the set parameter.

- 4 -

9.   (Previously Presented) The apparatus according to claim 8, wherein the parameter includes a chromatic adaptability condition.

10.   (Previously Presented) The apparatus according to claim 8, wherein said inputting section further inputs plural items of viewing information which relate to a viewing condition of the data source side and a viewing condition of the data destination side.

11.   (Previously Presented) The apparatus according to claim 8, wherein the color process comprises color matching processing based on profiles of the data source side and the data destination side.

12.   (Currently Amended) A computer program product ~~comprising~~ storing a computer readable medium ~~storing~~ comprising computer program codes, for an image processing method performing a color process based on a color appearance model, said product comprising process procedure codes for:

inputting ~~location~~ distance information which ~~relates to~~ represents a distance between positions of a viewing subject at a data source side and a viewing subject at a data destination side;

setting a parameter of viewing condition based on the inputted ~~location~~ distance information; and

performing the color process based on the color appearance model by using the set parameter.

- 5 -

13.   (Currently Amended) A computer program product comprising storing a computer readable medium storing comprising computer program codes, for an image processing method performing a color process on input image data based on a color appearance model, said product comprising process procedure codes for:

realizing a user interface to manually input location distance information which relates to represents a distance between positions of a viewing subject at a data source side and a viewing subject at a data destination side;

realizing a user interface to manually input viewing information which relates to a viewing condition;

setting a parameter of viewing condition based on the inputted location distance information and viewing information; and

performing the color process based on the color appearance model by using the set parameter.

14.   (Currently Amended) A computer program product comprising storing a computer readable medium storing comprising computer program codes, for an image processing method performing a color process on an input image [[data]] based on a color appearance model, said product comprising process procedure codes for:

inputting a manual instruction of a user, which relates to conditions for respectively adjusting (1) balance, and (2) absolute intensity, of a chromatic adaptability;

inputting a manual instruction of the user, which relates to viewing conditions of respectively an image input side and an image output side;

- 6 -

setting a parameter of the chromatic adaptability from the balance condition and absolute intensity; [[and]]

performing ~~a~~ forward ~~and inverse conversions~~ <u>conversion</u> of the color appearance model <u>to convert color data of the input image into color data independent of any viewing condition by using the viewing condition of the image input side and the set parameter; and</u>

<u>performing an inverse conversion of the color appearance model to convert the color data obtained in the forward conversion into color data dependent of the viewing condition of the image output side</u> by using <u>the viewing condition of the image output side and</u> the set parameter.

15.   (Canceled).

16.   (New) The method according to claim 6, wherein the balance of the chromatic adaptability is used to control weights of chromatic adaptabilities of respectively the image input side and the image output side.

17.   (New) The method according to claim 6, wherein the viewing condition includes a luminance value, the kind of illuminant and ambient light.

18.   (New) The method according to claim 6, wherein the viewing condition includes the kind of the viewing subject such as a monitor or a print.